

# PATENT COOPERATION TREATY RECEIVED

From the INTERNATIONAL SEARCHING AUTHORITY

To: DAVID L. FIEGENBAUM  
 FISH & RICHARDSON, P.C.  
 225 FRANKLIN STREET  
 BOSTON MA 02110-2804

DAVID L. FIEGENBAUM

RECEIVED

APR 30 2001

FISH & RICHARDSON, P.C.  
BOSTON OFFICEDate of Mailing  
(day/month/year)

25 APR 2001

## NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION

(PCT Rule 44.1)

Applicant's or agent's file reference  
 11566-002W01

FOR FURTHER ACTION See paragraphs 1 and 4 below

International application No.  
 PCT/US01/02165

International filing date  
 (day/month/year)  
 23 JANUARY 2001

Applicant  
 VISTAPRINT USA, INC.

1. ☒ The applicant is hereby notified that the international search report has been established and is transmitted herewith.

### Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the international search report; however, for more details, see the notes on the accompanying sheet.

Where? Directly to the International Bureau of WIPO  
 34, chemin des Colombettes  
 1211 Geneva 20, Switzerland  
 Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

Doctored By Practice Systems  
 RAO TO REPORT 6/25/01  
 Abstract 5/25/01  
 ART (com) 7/25/01

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

Initials: CPB  
 Record:

3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

- ☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.  
☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

Docketed By BIA  
 Due Date: 5/25/01  
 Deadline: 7/25/01  
 Initials: Jia

4. Further action(s): The applicant is reminded of the following:

Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in rules 90 bis 1 and 90 bis 3, respectively, before the completion of the technical preparations for international publication.

# PATENT COOPERATION TREATY RECEIVED

DLF  
CHL

From the INTERNATIONAL SEARCHING AUTHORITY

To: DAVID L. FIEGENBAUM  
FISH & RICHARDSON, P.C.  
225 FRANKLIN STREET  
BOSTON MA 02110-2804

MAY 3 2001

DAVID L. FIEGENBAUM

PCT

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APR 30 2001

FISH & RICHARDSON, PC.  
BOSTON OFF

## NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION

(PCT Rule 44.1)

Applicant's or agent's file reference 11566-002W01	Date of Mailing (day/month/year) <b>25 APR 2001</b>
International application No. PCT/US01/02165	International filing date (day/month/year) 23 JANUARY 2001
Applicant VISTAPRINT USA, INC.	
<b>FOR FURTHER ACTION</b> See paragraphs 1 and 4 below	

1. ☒ The applicant is hereby notified that the international search report has been established and is transmitted herewith.  
 Filing of amendments and statement under Article 19:  
 The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

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Docketed By: Practice Systems  
 Road to Report: 6/25/01  
 Abstract: 5/25/01  
 Abstract: 7/25/01

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Initials: CPB  
 Record: \_\_\_\_\_

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Docketed By: CPB  
 Due Date: 7/25/01

4. Further action(s): The applicant is reminded of the following:

Deadline: 7/25/01  
 Initials: CPB

Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in rules 90 bis 1 and 90 bis 3, respectively, before the completion of the technical preparations for international publication.

Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer GABRIEL I. GARCIA
Facsimile No. (703) 305-3230	Telephone No. (703) 305-3800

Form PCT/ISA/220 (July 1998)\*

(See notes on accompanying sheet)

## PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To: DAVID L. FIEGENBAUM  
FISH & RICHARDSON, P.C.  
225 FRANKLIN STREET  
BOSTON MA 02110-2804

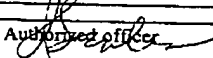
**PCT**

NOTIFICATION OF TRANSMITTAL OF  
THE INTERNATIONAL SEARCH REPORT  
OR THE DECLARATION

(PCT Rule 44.1)

Date of Mailing (day/month/year) <b>25 APR 2001</b>	
Applicant's or agent's file reference 11566-002W01	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/US01/02165	International filing date (day/month/year) 23 JANUARY 2001
Applicant VISTAPRINT USA, INC.	

1. ☒ The applicant is hereby notified that the international search report has been established and is transmitted herewith.  
Filing of amendments and statement under Article 19:  
The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):  
When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the international search report; however, for more details, see the notes on the accompanying sheet.  
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34, chemin des Colombettes  
1211 Geneva 20, Switzerland  
Facsimile No.: (41-22) 740.14.35  
For more detailed instructions, see the notes on the accompanying sheet.
2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.
3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:  
☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.  
☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.
4. Further action(s): The applicant is reminded of the following:  
Shortly after 18 months from the priority date, the international application will be published by the International Bureau.  
If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in rules 90 *bis* 1 and 90 *bis* 3, respectively, before the completion of the technical preparations for international publication.  
Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).  
Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer  GABRIEL I. GARCIA
Facsimile No. (703) 305-3230	Telephone No. (703) 305-3800

Form PCT/ISA/220 (July 1998)\*

(See notes on accompanying sheet)

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 11566-002W01	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US01/02165	International filing date (day/month/year) 23 JANUARY 2001	(Earliest) Priority Date (day/month/year) 25 JANUARY 2000
Applicant VISTAPRINT USA, INC.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 6 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:
- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.
2. ☐ Certain claims were found unsearchable (See Box I).
3. ☒ Unity of invention is lacking (See Box II).
4. With regard to the title,
- ☒ the text is approved as submitted by the applicant.
- ☐ the text has been established by this Authority to read as follows:
5. With regard to the abstract,
- ☐ the text is approved as submitted by the applicant.
- ☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.
6. The figure of the drawings to be published with the abstract is Figure No. 1
- ☐ as suggested by the applicant.
- ☒ because the applicant failed to suggest a figure.
- ☐ because this figure better characterizes the invention.
- ☐ None of the figures.

Form PCT/ISA/210 (first sheet) (July 1998)\*

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US01/02165

**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

Please See Extra Sheet.

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  
1-8

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.  
☐ No protest accompanied the payment of additional search fees.

Form PCT/ISA/210 (continuation of first sheet(1)) (July 1998)\*

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US01/02165

## Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

The invention provides methods for managing print jobs (10). One such method includes (a) accumulating discrete print jobs electronically from respective customers (12), (b) aggregating discrete print jobs into aggregate print jobs, each of the aggregate print jobs being printable at one time into aggregate print jobs, each of the aggregate print jobs being printable at one time on units of an integral print medium, and (c) electronically distributing the aggregate print jobs to respective printers for printing.

Form PCT/ISA/210 (continuation of first sheet(2)) (July 1998)\*

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US01/02165

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(7) : G06F 15/00 US CL : 358/1.15 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : 358/1.1, 1.5, 1.6, 1.9, 1.11, 1.12, 1.15, 400, 500  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,287,194 A (LOBIONDO) 15 February 1994, whole document.	1,5,6,8
Y		2-4,7
Y	US 5,974,234 A (LEVINE et al.) 26 October 1999, whole document.	1-8
Y,P	US 6,145,031 A (MASTIE et al.) 07 November 2000, whole document.	1-8
Y	US 5,918,988 A (OLJEN) 06 July 1999, whole document.	1-8
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* "A"	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"B"	earlier document published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	
"P"	document published prior to the international filing date but later than the priority date claimed	"A" document member of the same patent family
Date of the actual completion of the international search 20 MARCH 2001		Date of mailing of the international search report 25 APR 2001
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230		Authorized officer <i>Gabriel I. Garcia</i> GABRIEL I. GARCIA Telephone No. (703) 305-3800

Form PCT/ISA/210 (second sheet) (July 1998)\*

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US01/02165

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,984,446 A (SILVERBROOK) 16 November 1999, whole document.	2,3 and 7
A	US 4,932,320 A (BRUNETTI et al.) 12 June 1990, see figures 1-5.	1-8
A	US 4,852,485 A (BRUNNER) 01 August 1989, see figures 2-7.	1-8

Form PCT/ISA/210 (continuation of second sheet) (July 1998)★



## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US01/02165

## BOX II. OBSERVATIONS WHERE UNITY OF INVENTION WAS LACKING

This ISA found multiple inventions as follows:

This application contains the following inventions or groups of inventions which are not so linked as to form a single inventive concept under PCT Rule 13.1. In order for all inventions to be searched, the appropriate additional search fees must be paid.

- |       |   |  |
|-------|---|--|
| I.    | Claims 1-8, drawn to method of printing print jobs on units of an integral print medium and distributing print jobs to different printers.                  |  |
| II.   | Claims 9-15, drawn to a method of using a two dimensional grid for printing using the different positions of the grid to arranged print jobs to be printed. |  |
| III.  | Claims 16-18, drawn to a method arranging the printing of jobs ahead of the delivery time.  |  |
| IV.   | Claims 19-21, drawn to a method of charging for the print services performed using two different service levels.  |  |
| V.    | Claims 22-25, drawn to a method of printing on a substrate using commodity information and non commodity information.                                       |  |
| VI.   | Claims 26-29, drawn to a method of printing by bidding for delivery time.   |  |
| VII.  | Claims 30 and 42, drawn to a method of printing using a web browser to update or modify the printing of print jobs.   |  |
| VIII. | Claim 31, drawn to a method for producing different   | print jobs using the same steps.       |
| IX.   | Claims 32 and 35-37, drawn to a method of printing  | using a template.                      |
| X.    | Claims 33-34, drawn to a method of printing color print separations.  | jobs using standard processes or color |
| XI.   | Claim 38-40, drawn to a method of processing the print  | jobs to be shipped.                    |
| XII.  | Claim 41, drawn to a method of routing print jobs using   | different entry ports.                 |

The inventions listed as Groups I-XII do not relate to a single inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: Inventions I-XII have separate utility such as a) distribution of print jobs to different print jobs; b) the use of two dimensional grid to control the processing of different print jobs; c) arranging the printing system to arranged the delivery time of the printer(s); d) the use of different servicing levels within a printer to allow local users or employees to receive free printing services and charging outside people to pay for printing services; e) the printing of print job using different commodity information to process a print job; f) the arranging of priority printing based on bidding for delivery time; g) the use of a web browser to modify or update the jobs being printer; h) the use of a method to speed up printing using the same steps to produce different print jobs; i) the use of a template to print repetitive data; j) the processing of colored print jobs; k) the processing of print jobs after being printed; and l) the processing of print jobs using different ports of entry.

Because these inventions are distinct for the reasons given above and the search required for the one Group is not required for another Group, restriction for examination purposes as indicated is proper.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

Form PCT/ISA/210 (extra sheet) (July 1998)\*

RÉPUBLIQUE FRANÇAISE

RAPPORT DE RECHERCHE  
PRÉLIMINAIREétabli sur la base des dernières revendications  
déposées avant le commencement de la rechercheN° d'enregistrement  
national

FA 588145

FR 0000931

DOCUMENTS CONSIDÉRÉS COMME PERTINENTS			
Catégorie	Citation du document avec indication, en cas de besoin, des parties pertinentes	Revendication(s) concernée(s)	Classement attribué à l'invention par l'INPI
X	US 5 974 441 A (LAGARDE KONRAD CHARLES ET AL) 26 octobre 1999 (1999-10-26) * figures 1,7-10 * * colonne 10, ligne 1 - colonne 11, ligne 9 * * colonne 13, ligne 23 - colonne 19, ligne 47 *	1-3	G06F17/60 G06F3/12
A	WO 96 19352 A (MOORE BUSINESS FORMS INC) 27 juin 1996 (1996-06-27) * figures 1-3 * * page 9, ligne 14 - page 15, ligne 16 *	1	
			DOMAINES TECHNIQUES RECHERCHÉS (Int.CL.7)
			G06F B41F
Date d'achèvement de la recherche		Examineur	
19 octobre 2000		Weiss, P	
CATÉGORIE DES DOCUMENTS CITÉS			
X : particulièrement pertinent à lui seul Y : particulièrement pertinent en combinaison avec un autre document de la même catégorie A : arrière-plan technologique O : divulgation non-écrite P : document intercalaire T : théorie ou principe à la base de l'invention E : document de brevet bénéficiant d'une date antérieure à la date de dépôt et qui n'a été publié qu'à cette date de dépôt ou qu'à une date postérieure. D : cité dans la demande L : cité pour d'autres raisons & : membre de la même famille, document correspondant			

EPO FORM 1503 12-99 (P04C14)

**ANNEXE AU RAPPORT DE RECHERCHE PRÉLIMINAIRE  
RELATIF A LA DEMANDE DE BREVET FRANÇAIS NO. FR 0000931 FA 588145**

La présente annexe indique les membres de la famille de brevets relatifs aux documents brevets cités dans le rapport de recherche préliminaire visé ci-dessus.  
Les dits membres sont contenus au fichier informatique de l'Office européen des brevets à la date du 19-10-2000.  
Les renseignements fournis sont donnés à titre indicatif et n'engagent pas la responsabilité de l'Office européen des brevets, ni de l'Administration française.

Document brevet cité au rapport de recherche	Date de publication	Membre(s) de la famille de brevet(s)	Date de publication
US 5974441 A	26-10-1999	US 5701451 A	23-12-1997
		EP 0747843 A	11-12-1996
		JP 9114863 A	02-05-1997
		KR 209837 B	15-07-1999
		US 6094655 A	25-07-2000
WO 9619352 A	27-06-1996	AU 695401 B	13-08-1998
		AU 4282496 A	10-07-1996
		BR 9506816 A	09-09-1997
		CA 2182696 A	27-06-1996
		CN 1141611 A	29-01-1997
		DE 69502013 D	14-05-1998
		DE 69502013 T	24-09-1998
		DE 745032 T	30-04-1997
		EP 0745032 A	04-12-1996
		EP 0799694 A	08-10-1997
		EP 0968820 A	05-01-2000
		ES 2115404 T	16-06-1998
		JP 2815705 B	27-10-1998
		JP 9508598 T	02-09-1997
		RU 2138400 C	27-09-1999

EPO FORM P0465

Pour tout renseignement concernant cette annexe : voir Journal Officiel de l'Office européen des brevets, No.12/82